

# Dispermill M-series

The Dispermill M-series upscales your laboratory projects to production scale. This universally applicable machine is suitable for batches from 75 to 1000 liters and comes with high-end technology to increase the ease of use.

## DESIGNED FOR YOU

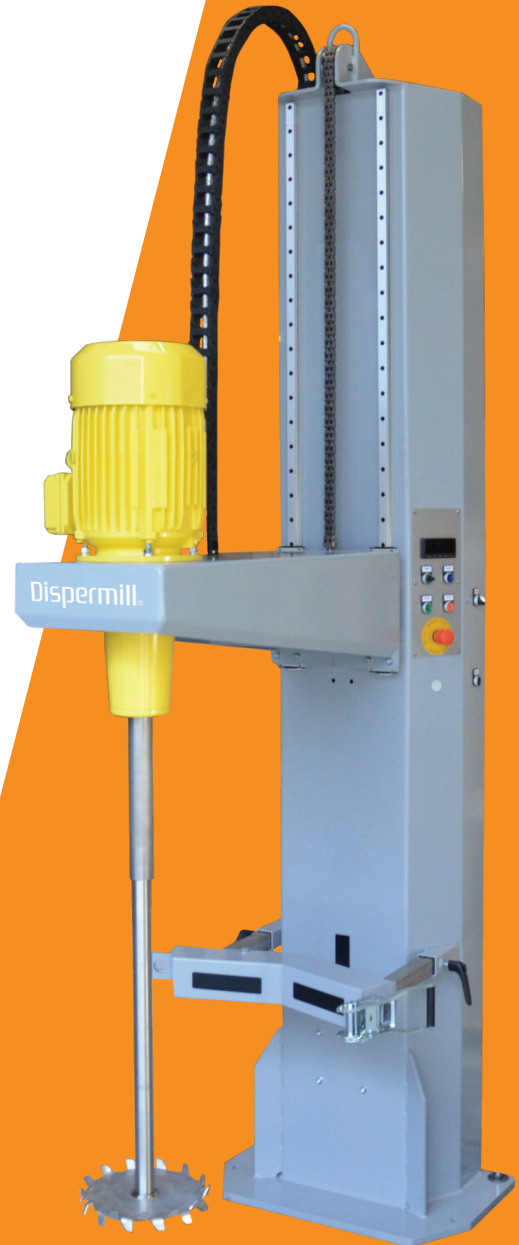
The Dispermill M-series has been developed according to the latest technical requirements. This dissolver has a hydraulic cylinder for easy up and down movement of the entire mixing unit. The stainless steel mixing shaft is equipped with double bearings. The ergonomically designed control panel gives you control over the machine and has a display where you can easily read the speed. The powerful drive in combination with the ABB microprocessor-controlled motor ensures highly reliable functionality. In addition, this machine has a very compact design, making it easy to fit into your factory.

## PRODUCT APPLICATIONS

Paints, floor coatings, ceramics, colourants, automotive coatings, inks, sealants, PVC liquids, aerospace coatings, industrial coatings, resin, putties, decorative coatings, textile, additives, wood coatings, plasters, stucco/wall and adhesives.

## FEATURES

- ✓ Hydraulic lifting system
- ✓ Clear digital speed readout
- ✓ Space-saving design
- ✓ Wide variation in power and speed frequency
- ✓ Clamping system by ratchet belt
- ✓ Available in ATEX version
- ✓ Direct drive system



Dispermill M-series	Order code*
<b>M400</b> , 4,0 kW, 200 - 1800 RPM	10-1032
<b>M550</b> , 5,5 kW, 200 - 1800 RPM	10-1042
<b>M750</b> , 7,5 kW, 200 - 1800 RPM	10-1083
<b>M1100</b> , 11,0 kW, 200 - 1800 RPM	10-1026
<b>M1500</b> , 15,0 kW, 200 - 1800 RPM	10-1124

Dispermill MX-series (ATEX)	Order code*
<b>MX400</b> , 4,0 kW, 200 - 1800 RPM	10-1031
<b>MX550</b> , 5,5 kW, 200 - 1800 RPM	10-1012
<b>MX750</b> , 7,5 kW, 200 - 1800 RPM	10-1062



\*Note: customized machines get new codes depending on configuration.

## ENHANCED EASE OF USE



Option: direct mixing in IBC container

### OPERATIONAL

The Dispermill M-series is suitable for:

- Mixing and homogenizing of color pigments
- Direct mixing in IBC container
- Pre-dispersing before the milling process
- Mixing of the end product
- Dispersing solids into liquids
- Mixing of liquids into liquids

### INSTALLATION

The machine is pre-wired, so it just needs to be anchored to the floor and the electrical cabinet to be mounted on the wall. For ATEX version the electrical cabinet needs to be installed outside the ATEX zone.

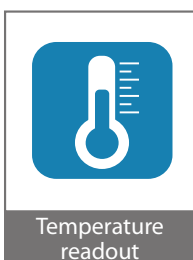


### USER INTERFACE

The user interface provides optimal control and includes:

- Start / Stop buttons
- Turning knob for speed setting
- Digital speed readout
- Emergency button

### OPTIONS

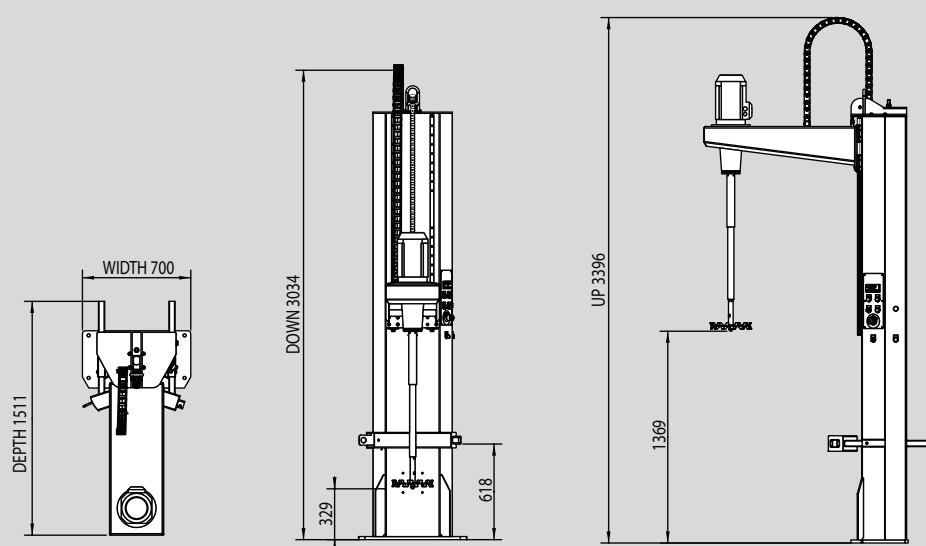


Option: integrated lid to cover the vessel

### CUSTOMIZED

We can process any configuration that suits your requirement. Is your option not listed in this brochure? Please contact our sales department through phone or e-mail.

☎ +31 (0)36 53 16 165  
✉ [Info@dispermill.com](mailto:Info@dispermill.com)



## TECHNICAL SPECIFICATIONS

	Power	Torque	Dispersing disc incl.	ATEX	Order code
<b>M400</b>	4.0 kW / 5.5 HP	25 Nm	200		10-1032
<b>M550</b>	5.5 kW / 7.5 HP	35 Nm	225		10-1042
<b>M750</b>	7.5 kW / 10 HP	48 Nm	250		10-1083
<b>M1100</b>	11,0 kW / 15 HP	70 Nm	275		10-1026
<b>M1500</b>	15,0 kW / 20 HP	95 Nm	325		10-1124
<b>MX400</b>	4.0 kW / 5.5 HP	25 Nm	200	Ex	10-1031
<b>MX550</b>	5.5 kW / 7.5 HP	35 Nm	225	Ex	10-1012
<b>MX750</b>	7.5 kW / 10 HP	48 Nm	250	Ex	10-1062

The specifications below apply to all models.

<b>Speed</b>	<b>200 - 1800 RPM</b>
<b>Supply</b>	400 V +/- 10% 50/60 Hz
<b>Thermal protection</b>	PTC Temperature sensors
<b>Electrical connection</b>	5m cable with separate electric cabinet
<b>Volume range vessel</b>	75 - 1000 L
<b>Height vessel</b>	1270 mm max.
<b>Dimensions (in mm)</b>	700 x 1511 x 3034/3396 (W x D x H)
<b>Safety CE</b>	Conformity Directive 2006/42/EC

## OPTIONS

	Order code
<b>IBC Version</b>	33-1010
<b>Timer with Automatic stop</b>	33-1011
<b>Temperature probe and readout</b>	33-1012
<b>Temperature probe and readout (ATEX)</b>	33-1013
<b>Power readout in kW</b>	33-1014
<b>Power readout in kW (ATEX)</b>	33-1015
<b>Lid to cover the vessel</b>	on request